

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended September 3, 1960

There was a substantial increase in the number of reported cases of poliomyelitis for the week ended September 3—210 cases of which 116 were paralytic, compared to 148 cases including 88 paralytic cases for the previous week. For the week ended September 5, 1959, the total was 523 cases of which 297 were paralytic. The figures for the current week do not include reports for 3 States—Nevada, Florida, and Missouri. California reported the figures for that State were incomplete due to the Labor Day Holiday.

States reporting the largest increase over figures for the preceding week were Ohio (19 cases of which 5 were paralytic), Illinois (22 cases including 12 paralytic), Kentucky (22 unspecified cases), Texas (20 cases including 9 paralytic), and West Virginia (9 cases with 7 being paralytic). More than half of the unspecified cases for the current week were reported in Kentucky. In the 3 weeks ending September 3, this State has reported 46 such cases, many of which occurred in Taylor County. The cases reported in California, Illinois, South

Carolina, and West Virginia were scattered and no particular concentration of cases was reported in other States. Two deaths were reported in Illinois, and 1 each in California, Connecticut, and South Carolina.

The cumulative total numbers of cases for each of the years 1957-60 are as follows:

	Total	Paralytic
1960-----	1,549	1,075
1959-----	4,441	2,824
1958-----	2,505	1,206
1957-----	4,091	1,283

The Rhode Island Department of Health has reported that of all cases of poliomyelitis reported through August 27, 60.4 percent were in children under 5 years of age, 26.3 percent in

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Table 1. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports)

Disease (Seventh Revision of International Lists, 1955)	35th week			Cumulative						Approximate seasonal low point
	Ended Sept. 3, 1960 ¹	Ended Sept. 5, 1959	Median 1955-59	First 35 weeks			Since seasonal low week			
				1960 ¹	1959	Median 1955-59	1959-60 ¹	1958-59	Median 1954-55 to 1958-59	
Anthrax-----062	22	-	-	12	12	13	(³)	(³)	(³)	(³)
Botulism-----049.1	-	-	-	8	13	6	(³)	(³)	(³)	(³)
Brucellosis (undulant fever)-----044	7	11	24	551	519	674	(³)	(³)	(³)	(³)
Diphtheria-----055	5	18	18	407	499	604	78	102	128	July 1
Encephalitis, infectious-----082	49	84	77	1,208	1,257	1,239	595	679	679	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	653	345	270	25,467	15,123	13,743	33,897	20,559	20,559	Sept. 1
Malaria-----110-117	1	3	5	45	53	107	(³)	(³)	(³)	(³)
Measles-----085	1,234	1,030	843	399,852	363,315	518,399	439,321	417,315	574,149	Sept. 1
Meningitis, aseptic-----340 pt.	119	---	---	1,597	---	---	---	---	---	---
Meningococcal infections-----057	19	15	34	1,532	1,579	1,783	2,196	2,445	2,493	Sept. 1
Poliomyelitis-----080	210	523	523	1,594	4,441	4,441	1,377	4,148	4,148	Apr. 1
Paralytic-----080.0,080.1	116	297	292	1,075	2,824	2,824	922	2,616	2,616	Apr. 1
Nonparalytic-----080.2	52	179	179	362	1,221	2,149	325	1,173	1,983	Apr. 1
Unspecified-----080.3	42	47	47	157	396	659	130	359	570	Apr. 1
Psittacosis-----096.2	2	-	1	71	78	191	(³)	(³)	(³)	(³)
Rabies in man-----094	-	-	-	1	3	4	(³)	(³)	(³)	(³)
Streptococcal sore throat, including scarlet fever-----050,051	2,536	---	---	223,791	---	---	---	---	---	---
Typhoid fever-----040	20	22	27	523	520	897	396	393	636	Apr. 1
Typhus fever, endemic-----101	-	1	1	51	28	74	46	22	54	Apr. 1
Rabies in animals-----	43	44	74	2,589	2,634	3,306	3,638	3,540	4,175	Oct. 1

¹Data exclude reports from Florida, Missouri, and Nevada for the current week.

²Reported in Arkansas and Massachusetts.

³Data show no pronounced seasonal change in incidence.

children 6 to 10 years, 8.8 percent of the cases were from 11 to 20 years of age, and only 4.4 percent over 20 years of age. Fifty-five percent of the cases were paralytic, 25.2 percent bulbar, and 19.8 percent nonparalytic.

Information from the Texas Department of Health shows that 24 of 43 paralytic cases for which surveillance reports have been received were in children under 5 years of age and 12 cases in persons 20 years or older. Twenty-seven of the cases had received no vaccine and 11, 3 or 4 doses.

The week ended September 3 marked the end of the disease year for infectious hepatitis, measles, and meningococcal infections. During the disease year 1959-60, close to 34,000 cases of hepatitis were reported compared to about 21,000 cases for the 1958-59 disease year--more than a 60 percent increase. This represents a continued increase in the number of reported cases since the fall of 1958. The increase is most apparent in the East South Central Geographic Division but there have been increases in all divisions. However, during the 8 months of 1960 the number of cases reported in the Mountain Division has been about the same as for the 8 months of 1959.

The number of cases of meningococcal infections reported during the 1959-60 disease year was about 10 percent less than reported in the previous year and about 23 percent below the median figure. The number of cases of measles increased slightly but still is at a low point in the 3- or 4-year period between years of peak incidence of the disease.

EPIDEMIOLOGICAL REPORTS

Rabies in animals

The Washington State Department of Health has supplied information on the first case of rabies in an animal reported in that State since 1953. The animal was a 5½-year old dog which had been immunized for rabies on July 18 in California. The dog exhibited a slight lameness in the right rear leg on July 25. Beginning the next day the dog was taken along on a trip throughout the Northwest. On July 29 and August 1, the dog was examined by 2 different veterinarians in Idaho for paralysis in the hindquarters. Later on August 1, the dog was brought into the Washington State University Veterinary Clinic with definite signs of encephalomyelitis. The illness became progressively more severe and the dog died on the night of August 3. Microscopic examination of brain tissue revealed an inclusion body and mouse-inoculation tests were positive. A student employed at the veterinary clinic was bitten by the dog. All persons who had had close contact with the dog were given anti-rabies immunization. Investigation in California revealed that the dog had received a severe laceration on his hip 2 to 3 months previously. It was thought this probably resulted from a fight with another animal.

Salmonellosis

Dr. Rathbun, Monroe County (New York) Deputy Health Commissioner, supplied information on an outbreak of salmonellosis following ingestion of banana cream pies. Twenty-three persons ate from 8 pies and all became acutely ill with nausea, vomiting, diarrhea, and fever up to 103° or 104° F. The median incubation period was 12 hours. Samples of the cream pie and specimens from 10 cases were positive for Salmonella enteritidis. All the 8 pies were purchased from the same bakery which had not refrigerated them. The source of the contamination is uncertain but was thought to have been due to rodent droppings. Rodent tracks were found on the display counter where pies had been kept.

Staphylococcal food poisoning

Dr. C. S. Mollohan, Colorado State Department of Public Health, has reported the results of laboratory studies on specimens obtained following an outbreak of staphylococcal food poisoning. An earlier report appeared in the Morbidity and Mortality Weekly Report for the week ended August 13. Coagulase-positive staphylococci, phage type 29, have been isolated from the suspect food, stuffed pepper filling, and from a lesion on the hand of the cook who prepared the stuffing.

Gastroenteritis

Dr. D. S. Fleming, Minnesota Department of Health, reported that an estimated 164 adults and children out of 400 persons attending a company picnic developed gastroenteritis. The incubation period varied from 18 to 72 hours with most of the cases occurring about 30 hours after eating the meal. Symptoms consisted of sudden onset of abdominal cramps, diarrhea, nausea, vomiting, and headache. Symptoms varied in intensity among the individuals but commonly lasted about 24 hours. The meal was served buffet style. The menu included chicken in seasoned tomato catsup barbecue sauce, baked beans, vegetable salad with dressing, relishes, ice cream, and beverages. The only food eaten by all those who became ill was chicken in barbecue sauce. The chicken was prepared by one woman. It was baked for 75 minutes at 450° F. then cooled, dipped in the barbecue sauce, and rebaked for another 75 minutes. It was served from one-half to 2 hours after the final baking. Bacteriological examination of smears of barbecue sauce and beans, the only foods available, showed no organisms. On culture the beans showed nonhemolytic, coagulase-negative Micrococcus luteus and nonhemolytic coagulase-negative Staphylococcus albus. Culture of the barbecue sauce revealed gram-negative, nonmotile bacilli indistinguishable from organisms of the genus Pseudomonas. Fecal specimens have not been productive.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 5, 1959, AND SEPTEMBER 3, 1960

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Men- gitis, aseptic 340 pt.	Brucel- losis (undu- lant fever) 044
	Total ¹				Paralytic 080.0,080.1				Nonparalytic			
	35th week		Cumulative, first 35 weeks		35th week		Cumulative, first 35 weeks		080.2			
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959		
UNITED STATES ² -----	210	523	1,594	4,441	116	297	1,075	2,824	52	179	119	7
NEW ENGLAND-----	15	42	140	160	10	27	111	107	3	11	-	-
Maine-----	2	1	10	3	2	1	10	3	-	-	-	-
New Hampshire-----	-	1	-	2	-	1	-	1	-	-	-	-
Vermont-----	-	-	1	1	-	-	1	1	-	-	-	-
Massachusetts-----	4	28	23	67	1	17	15	45	1	7	-	-
Rhode Island-----	5	-	91	3	4	-	72	3	1	-	-	-
Connecticut-----	4	12	15	84	3	8	13	54	1	4	-	-
MIDDLE ATLANTIC-----	23	50	200	283	16	26	149	157	5	22	10	-
New York-----	16	29	117	165	9	13	84	89	5	14	6	-
New Jersey-----	1	12	39	65	1	4	30	31	-	8	4	-
Pennsylvania-----	6	9	44	53	6	9	35	37	-	-	-	-
EAST NORTH CENTRAL-----	56	106	244	583	27	36	124	255	16	55	33	2
Ohio-----	19	27	62	159	5	12	25	69	7	12	3	-
Indiana-----	8	13	44	82	4	7	21	59	1	4	3	-
Illinois-----	22	22	86	118	12	10	56	61	7	5	14	2
Michigan-----	5	38	41	200	4	5	19	53	1	33	12	-
Wisconsin-----	2	6	11	24	2	2	3	13	-	1	1	-
WEST NORTH CENTRAL ² -----	6	104	78	936	3	56	41	481	2	34	25	3
Minnesota-----	2	14	27	100	1	11	20	80	1	3	15	-
Iowa-----	1	26	14	300	-	15	2	147	1	11	4	1
Missouri-----	---	40	² 11	295	---	21	² 7	165	---	14	---	---
North Dakota-----	1	-	7	3	1	-	3	-	-	-	-	-
South Dakota-----	-	2	3	11	-	-	1	-	-	-	-	-
Nebraska-----	1	3	6	97	1	2	5	54	-	1	2	-
Kansas-----	1	19	10	130	-	7	3	34	-	5	4	2
SOUTH ATLANTIC ² -----	30	82	262	667	22	60	182	512	8	13	7	-
Delaware-----	-	1	-	5	-	1	-	5	-	-	-	-
Maryland-----	4	-	21	9	4	-	18	9	-	-	-	-
District of Columbia-----	-	-	-	3	-	-	-	3	-	-	-	-
Virginia-----	1	29	9	155	1	23	7	123	-	6	1	-
West Virginia-----	9	14	30	76	7	12	25	61	2	2	6	-
North Carolina-----	8	17	58	135	3	13	36	115	5	4	-	-
South Carolina-----	8	6	94	46	7	3	62	25	1	-	-	-
Georgia-----	-	10	9	100	-	6	7	75	-	-	-	-
Florida-----	---	5	² 41	138	---	2	² 27	96	---	1	---	---
EAST SOUTH CENTRAL-----	29	49	109	497	5	22	55	368	2	26	4	2
Kentucky-----	22	-	54	29	-	-	5	26	-	-	-	-
Tennessee-----	4	24	19	207	2	8	14	151	2	15	1	1
Alabama-----	1	17	10	183	1	13	10	154	-	4	-	1
Mississippi-----	2	8	26	78	2	1	26	37	-	7	3	-
WEST SOUTH CENTRAL-----	25	39	184	781	12	29	105	524	13	10	10	-
Arkansas-----	5	17	19	185	3	14	8	156	2	3	3	-
Louisiana-----	-	9	40	96	-	7	26	70	-	2	-	-
Oklahoma-----	-	1	8	111	-	1	5	58	-	-	-	-
Texas-----	20	12	117	389	9	7	66	240	11	5	7	-
MOUNTAIN ² -----	4	12	44	116	2	7	21	67	-	3	4	-
Montana-----	-	1	13	7	-	-	9	2	-	1	1	-
Idaho-----	-	-	5	5	-	-	1	-	-	-	-	-
Wyoming-----	1	-	8	2	-	-	-	1	-	-	-	-
Colorado-----	1	2	6	12	1	1	5	10	-	1	3	-
New Mexico-----	1	3	4	27	1	2	1	14	-	-	-	-
Arizona-----	-	5	4	56	-	4	4	37	-	1	-	-
Utah-----	1	1	2	5	-	-	1	2	-	-	-	-
Nevada-----	---	-	4	2	---	-	² -	1	---	-	---	---
PACIFIC-----	22	39	333	418	19	34	287	353	3	5	26	-
Washington-----	3	17	20	79	3	17	20	79	-	-	3	-
Oregon-----	4	12	26	91	2	9	15	71	2	3	-	-
California-----	14	10	278	256	15	8	243	196	1	2	23	-
Alaska-----	-	-	2	12	-	-	2	7	-	-	-	-
Hawaii-----	1	-	7	(4)	1	-	7	(4)	-	-	-	-
Puerto Rico-----	14	-	411	3	14	-	406	3	-	-	-	-

¹Includes cases not specified by type, category number 080.3.

²Data exclude reports from Missouri, Florida, and Nevada for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 5, 1959, AND SEPTEMBER 3, 1960—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092, N998.5 pt.				Measles	
	35th week		Cumulative, first 35 weeks		082		35th week		Cumulative, first 35 weeks		085	
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959
UNITED STATES ² -----	5	18	407	499	49	84	653	345	25,467	15,123	1,234	1,030
NEW ENGLAND-----	-	-	10	5	2	2	23	17	770	487	75	48
Maine-----	-	-	2	-	-	-	-	2	46	82	4	10
New Hampshire-----	-	-	-	-	-	-	4	-	25	13	2	-
Vermont-----	-	-	-	-	-	-	-	-	11	22	7	1
Massachusetts-----	-	-	7	5	2	1	12	10	387	221	46	33
Rhode Island-----	-	-	1	-	-	1	3	5	149	49	-	-
Connecticut-----	-	-	-	-	-	-	4	-	152	100	16	4
MIDDLE ATLANTIC-----	1	1	13	43	16	20	88	59	2,898	2,267	187	115
New York-----	-	1	3	22	3	10	52	29	1,544	1,333	128	56
New Jersey-----	1	-	2	9	8	3	7	2	205	250	24	48
Pennsylvania-----	-	-	8	12	5	7	29	28	1,149	684	35	1
EAST NORTH CENTRAL-----	1	1	35	24	6	36	134	55	4,647	2,492	560	328
Ohio-----	1	-	15	7	2	22	54	21	1,572	737	37	41
Indiana-----	-	1	5	4	-	9	16	2	536	234	35	26
Illinois-----	-	-	4	9	1	3	18	20	941	527	16	68
Michigan-----	-	-	9	2	3	1	45	10	1,429	849	366	54
Wisconsin-----	-	-	2	2	-	1	1	2	169	145	106	139
WEST NORTH CENTRAL ² -----	-	-	21	37	2	4	15	17	1,812	1,207	17	22
Minnesota-----	-	-	5	18	-	-	4	4	205	303	1	5
Iowa-----	-	-	5	3	-	-	6	1	309	110	-	4
Missouri-----	-	-	2	3	-	-	-	2	2,661	334	-	1
North Dakota-----	-	-	1	2	2	1	-	9	138	237	15	12
South Dakota-----	-	-	5	3	-	-	2	1	124	33	-	-
Nebraska-----	-	-	1	8	-	-	2	-	188	55	1	-
Kansas-----	-	-	2	-	-	3	1	-	187	135	(*)	(*)
SOUTH ATLANTIC ² -----	-	8	112	130	3	1	41	32	3,003	1,345	46	50
Delaware-----	-	-	-	-	-	-	3	-	188	80	2	1
Maryland-----	-	-	1	7	1	-	4	4	308	312	3	6
District of Columbia-----	-	-	-	-	1	1	2	-	38	12	12	1
Virginia-----	-	-	12	8	-	-	8	19	605	310	9	3
West Virginia-----	-	-	4	1	-	-	8	-	566	237	15	11
North Carolina-----	-	1	5	13	1	-	13	4	264	80	1	1
South Carolina-----	-	1	37	13	-	-	-	1	47	25	-	15
Georgia-----	-	5	20	44	-	-	3	3	198	106	4	-
Florida-----	1	-	233	44	-	-	-	1	2,789	183	-	12
EAST SOUTH CENTRAL-----	1	3	41	55	4	6	83	26	3,669	1,346	68	79
Kentucky-----	-	-	1	7	-	2	21	10	1,371	634	9	31
Tennessee-----	-	1	6	6	2	1	29	8	1,204	315	56	47
Alabama-----	-	1	20	11	-	-	16	-	787	288	-	-
Mississippi-----	1	1	14	31	2	3	17	8	307	109	3	1
WEST SOUTH CENTRAL-----	2	3	141	175	3	6	68	32	2,115	1,200	105	158
Arkansas-----	-	-	4	34	-	1	5	3	110	60	-	2
Louisiana-----	-	-	29	41	-	-	9	-	106	97	-	1
Oklahoma-----	-	-	7	2	1	-	7	1	264	162	-	-
Texas-----	2	3	101	98	2	5	47	28	1,635	881	105	155
MOUNTAIN ² -----	-	2	33	18	5	5	46	49	2,056	2,032	69	73
Montana-----	-	-	3	-	-	-	5	5	85	192	5	-
Idaho-----	-	-	11	-	2	-	1	10	249	213	3	7
Wyoming-----	-	-	5	-	3	1	-	-	22	46	-	-
Colorado-----	-	2	3	7	-	-	23	18	751	634	14	33
New Mexico-----	-	-	4	8	-	1	2	5	250	393	-	9
Arizona-----	-	-	3	2	-	1	12	9	471	398	28	23
Utah-----	-	-	4	-	-	2	3	1	186	136	19	1
Nevada-----	-	-	2	1	-	-	-	1	242	20	-	-
PACIFIC-----	-	-	1	12	8	4	155	58	4,497	2,747	107	157
Washington-----	-	-	-	-	-	1	20	5	504	369	11	22
Oregon-----	-	-	-	3	-	1	18	12	736	551	32	52
California-----	-	-	-	4	8	2	113	37	3,045	1,788	41	47
Alaska-----	-	-	1	5	-	-	3	4	148	39	21	36
Hawaii-----	-	-	-	(2)	-	-	1	(1)	64	(33)	2	(18)
Puerto Rico-----	2	-	105	20	-	-	10	3	567	204	-	12

²Data exclude reports from Missouri, Florida, and Nevada for the current week.

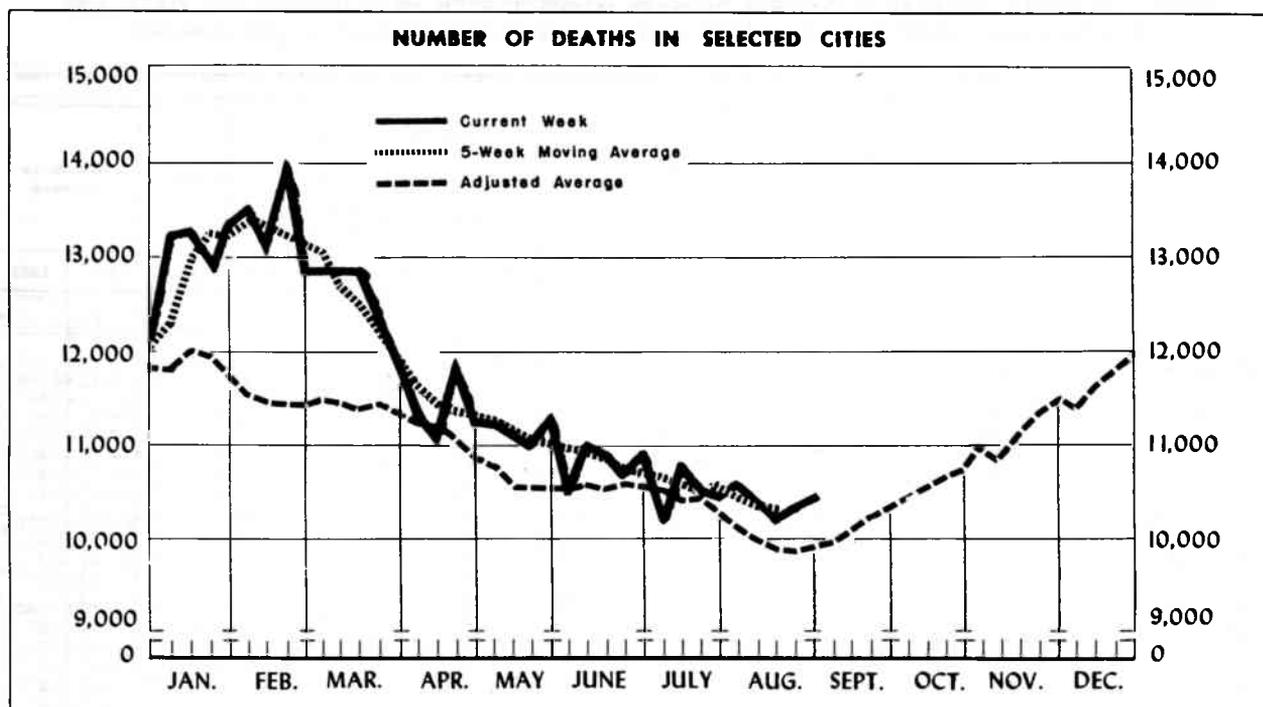
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 5, 1959, AND SEPTEMBER 3, 1960—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria	Meningococcal infections		Psittacosis	Streptococcal sore throat, etc.	Typhoid fever 040				Typhus fever, endemic	Rabies in animals	
	110-117	057		096.2	050,051	35th week		Cumulative, first 35 weeks		101	1960	1959
	1960	1960	1959	1960	1960	1960	1959	1960	1959	1960	1960	1959
UNITED STATES ² -----	1	19	15	2	2,536	20	22	523	520	-	43	44
NEW ENGLAND-----	-	-	3	-	70	1	1	8	12	-	-	-
Maine-----	-	-	-	-	6	-	-	2	2	-	-	-
New Hampshire-----	-	-	-	-	1	-	-	-	-	-	-	-
Vermont-----	-	-	1	-	10	-	-	-	-	-	-	-
Massachusetts-----	-	-	1	-	14	1	-	3	3	-	-	-
Rhode Island-----	-	-	1	-	-	-	1	-	2	-	-	-
Connecticut-----	-	-	-	-	39	-	-	3	5	-	-	-
MIDDLE ATLANTIC-----	-	4	2	-	111	-	2	37	48	-	8	15
New York-----	-	1	1	-	91	-	1	23	18	-	7	15
New Jersey-----	-	1	1	-	13	-	-	1	10	-	-	-
Pennsylvania-----	-	2	-	-	7	-	1	13	20	-	1	-
EAST NORTH CENTRAL-----	-	7	4	-	178	6	3	70	67	-	9	2
Ohio-----	-	2	1	-	27	3	2	18	39	-	1	-
Indiana-----	-	1	-	-	70	2	-	20	7	-	3	1
Illinois-----	-	1	1	-	16	1	1	19	13	-	-	-
Michigan-----	-	3	2	-	24	-	-	8	7	-	5	-
Wisconsin-----	-	-	-	-	41	-	-	5	1	-	-	1
WEST NORTH CENTRAL ² -----	-	-	-	-	56	1	1	29	33	-	4	13
Minnesota-----	-	-	-	-	2	-	-	1	-	-	3	6
Iowa-----	-	-	-	-	13	-	-	5	2	-	1	1
Missouri-----	-	-	-	-	-	1	2 ¹⁷	13	-	-	-	5
North Dakota-----	-	-	-	-	30	-	-	1	4	-	-	-
South Dakota-----	-	-	-	-	1	1	-	2	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	2	4	-	-	1
Kansas-----	-	-	-	-	10	-	-	1	7	-	-	-
SOUTH ATLANTIC ² -----	-	3	3	-	110	4	5	81	94	-	5	6
Delaware-----	-	-	-	-	3	-	-	1	-	-	-	-
Maryland-----	-	1	1	-	12	2	-	3	3	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	6	3	-	-	-
Virginia-----	-	-	-	-	51	1	-	18	17	-	1	-
West Virginia-----	-	-	-	-	24	1	-	6	9	-	4	1
North Carolina-----	-	2	2	-	14	-	2	8	10	-	-	1
South Carolina-----	-	-	-	-	6	-	-	10	7	-	-	1
Georgia-----	-	-	-	-	-	2	-	20	24	-	-	2
Florida-----	-	-	-	-	-	-	-	2 ⁹	21	-	-	1
EAST SOUTH CENTRAL-----	-	-	1	1	623	5	3	68	70	-	5	1
Kentucky-----	-	-	-	-	32	1	-	14	11	-	1	-
Tennessee-----	-	-	1	1	579	2	3	37	39	-	3	-
Alabama-----	-	-	-	-	-	2	-	12	7	-	1	1
Mississippi-----	-	-	-	-	12	-	-	5	13	-	-	-
WEST SOUTH CENTRAL-----	1	2	-	-	662	1	3	158	109	-	9	7
Arkansas-----	-	1	-	-	-	1	1	37	22	-	3	3
Louisiana-----	-	-	-	-	2	-	-	53	14	-	-	-
Oklahoma-----	1	1	-	-	8	-	-	10	15	-	-	-
Texas-----	-	-	-	-	652	-	2	58	58	-	6	4
MOUNTAIN ² -----	-	-	1	1	635	2	3	29	28	-	-	-
Montana-----	-	-	-	-	14	1	-	8	1	-	-	-
Idaho-----	-	-	-	-	29	-	-	2	4	-	-	-
Wyoming-----	-	-	-	-	10	-	1	4	3	-	-	-
Colorado-----	-	-	-	1	261	-	-	-	4	-	-	-
New Mexico-----	-	-	-	-	110	-	2	7	11	-	-	-
Arizona-----	-	-	1	-	81	1	-	7	5	-	-	-
Utah-----	-	-	-	-	130	-	-	1	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	2	-	-	-	-
PACIFIC-----	-	3	1	-	91	-	1	43	59	-	3	-
Washington-----	-	-	1	-	26	-	-	4	1	-	-	-
Oregon-----	-	-	-	-	13	-	-	7	5	-	-	-
California-----	-	3	-	-	37	-	1	32	51	-	3	-
Alaska-----	-	-	-	-	14	-	-	-	2	-	-	-
Hawaii-----	-	-	-	-	1	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	1	1	17	14	-	-	-

²Data exclude reports for Missouri, Florida, and Nevada for the current week.



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1955-59, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 4.0 percent to allow for estimated population growth in the cities and surrounding areas.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	35th week ended Sept. 3, 1960	34th week ended Aug. 27, 1960	Adjusted average, 35th week 1955-59	Percent change, adjusted average to current week ¹	Cumulative, first 35 weeks		
					1960	1959	Percent change
TOTAL, 117 REPORTING CITIES-----	² 10,453	10,296	9,875	+5.9	² 406,867	397,142	+2.4
New England----- (14 cities)	² 640	612	647	-1.1	² 25,441	24,900	+2.2
Middle Atlantic----- (20 cities)	3,052	2,959	2,881	+5.9	112,751	114,353	-1.4
East North Central----- (21 cities)	² 2,221	2,267	2,271	-2.2	² 87,844	86,099	+2.0
West North Central----- (9 cities)	708	734	723	-2.1	28,322	27,350	+3.6
South Atlantic----- (11 cities)	² 808	905	859	-5.9	² 35,060	33,846	+3.6
East South Central----- (8 cities)	441	434	475	-7.2	18,444	17,856	+2.7
West South Central----- (13 cities)	² 863	900	876	-1.5	² 35,819	32,977	+8.6
Mountain----- (8 cities)	360	301	261	+37.9	12,705	11,022	+15.3
Pacific----- (13 cities)	1,360	1,184	1,294	+5.1	50,481	48,639	+3.8

¹Adjusted average used as base.

²Includes estimates for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	35th week ended Sept. 3, 1960	34th week ended Aug. 27, 1960	Cumulative, first 35 weeks		Area	35th week ended Sept. 3, 1960	34th week ended Aug. 27, 1960	Cumulative, first 35 weeks	
			1960	1959				1960	1959
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	205	206	8,862	8,466	St. Louis, Mo.-----	218	212	8,696	8,310
Bridgeport, Conn.-----	133	42	2,445	1,405	St. Paul, Minn.-----	62	53	2,464	2,268
Cambridge, Mass.-----	27	29	1,101	997	Wichita, Kans.-----	32	54	1,622	1,697
Fall River, Mass.-----	31	27	1,002	992	SOUTH ATLANTIC:				
Hartford, Conn.-----	42	46	1,702	1,740	Atlanta, Ga.-----	119	115	4,174	3,865
Lowell, Mass.-----	25	17	849	815	Baltimore, Md.-----	214	235	8,891	8,539
Lynn, Mass.-----	24	26	848	823	Charlotte, N.C.-----	24	40	1,386	1,386
New Bedford, Mass.-----	32	24	862	843	Jacksonville, Fla.-----	58	46	2,139	2,022
New Haven, Conn.-----	46	44	1,592	1,580	Miami, Fla.-----	54	81	2,599	2,474
Providence, R.I.-----	52	62	2,242	2,273	Norfolk, Va.-----	51	38	2,149	1,388
Somerville, Mass.-----	13	11	473	454	Richmond, Va.-----	50	65	2,754	2,751
Springfield, Mass.-----	36	32	1,612	1,571	Savannah, Ga.-----	127	24	2,129	1,164
Waterbury, Conn.-----	25	22	969	967	St. Petersburg, Fla.-----	(62)	(53)	(2,539)	(2,242)
Worcester, Mass.-----	49	24	1,882	1,974	Tampa, Fla.-----	44	56	2,328	2,196
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N.Y.-----	29	42	1,547	1,884	Birmingham, Ala.-----	60	71	3,006	2,878
Allentown, Pa.-----	27	38	1,224	1,222	Chattanooga, Tenn.-----	46	26	1,641	1,592
Buffalo, N.Y.-----	127	120	5,157	5,096	Knoxville, Tenn.-----	34	11	1,012	1,025
Camden, N.J.-----	42	29	1,501	1,442	Louisville, Ky.-----	82	98	4,021	3,940
Elizabeth, N.J.-----	33	29	1,040	1,040	Memphis, Tenn.-----	84	108	3,970	3,948
Erie, Pa.-----	33	42	1,376	1,308	Mobile, Ala.-----	40	28	1,440	1,373
Jersey City, N.J.-----	65	71	2,472	2,619	Montgomery, Ala.-----	29	34	1,226	1,155
Newark, N.J.-----	103	100	3,389	3,520	Nashville, Tenn.-----	66	58	2,128	2,045
New York City, N.Y.-----	1,603	1,487	57,287	58,599	WEST SOUTH CENTRAL:				
Paterson, N.J.-----	42	30	1,348	1,361	Austin, Tex.-----	30	31	1,226	1,112
Philadelphia, Pa.-----	444	481	17,388	17,514	Baton Rouge, La.-----	117	20	991	952
Pittsburgh, Pa.-----	183	182	6,837	6,586	Corpus Christi, Tex.-----	21	11	859	741
Reading, Pa.-----	21	27	832	787	Dallas, Tex.-----	96	105	4,430	4,120
Rochester, N.Y.-----	89	100	3,515	3,385	El Paso, Tex.-----	38	40	1,361	1,302
Schenectady, N.Y.-----	26	22	846	886	Fort Worth, Tex.-----	59	67	2,382	2,222
Scranton, Pa.-----	33	34	1,317	1,291	Houston, Tex.-----	152	149	5,974	5,421
Syracuse, N.Y.-----	59	64	2,168	2,177	Little Rock, Ark.-----	56	52	2,034	1,919
Trenton, N.J.-----	36	22	1,458	1,535	New Orleans, La.-----	146	149	6,420	5,886
Utica, N.Y.-----	26	23	971	979	Oklahoma City, Okla.-----	65	85	2,651	2,411
Yonkers, N.Y.-----	31	16	1,078	1,122	San Antonio, Tex.-----	82	92	3,609	3,379
EAST NORTH CENTRAL:					WEST SOUTH CENTRAL:				
Akron, Ohio-----	56	56	1,992	2,059	Austin, Tex.-----	30	31	1,226	1,112
Canton, Ohio-----	31	39	1,224	1,186	Baton Rouge, La.-----	117	20	991	952
Chicago, Ill.-----	692	695	27,131	26,630	Corpus Christi, Tex.-----	21	11	859	741
Cincinnati, Ohio-----	122	155	5,505	5,605	Dallas, Tex.-----	96	105	4,430	4,120
Cleveland, Ohio-----	202	185	7,460	7,315	El Paso, Tex.-----	38	40	1,361	1,302
Columbus, Ohio-----	102	101	4,127	4,094	Fort Worth, Tex.-----	59	67	2,382	2,222
Dayton, Ohio-----	79	65	2,589	2,352	Houston, Tex.-----	152	149	5,974	5,421
Detroit, Mich.-----	281	312	12,061	11,575	Little Rock, Ark.-----	56	52	2,034	1,919
Evansville, Ind.-----	29	25	1,261	1,310	New Orleans, La.-----	146	149	6,420	5,886
Flint, Mich.-----	42	35	1,409	1,391	Oklahoma City, Okla.-----	65	85	2,651	2,411
Fort Wayne, Ind.-----	49	29	1,312	1,272	San Antonio, Tex.-----	82	92	3,609	3,379
Gary, Ind.-----	124	24	2,109	1,069	Shreveport, La.-----	52	54	1,914	1,801
Grand Rapids, Mich.-----	25	41	1,464	1,476	Tulsa, Okla.-----	49	45	1,968	1,711
Indianapolis, Ind.-----	128	142	5,165	4,915	MOUNTAIN:				
Madison, Wis.-----	29	27	1,116	1,042	Albuquerque, N. Mex.-----	35	35	1,094	1,063
Milwaukee, Wis.-----	117	111	4,364	4,471	Colorado Springs, Colo.-----	13	8	582	539
Peoria, Ill.-----	29	31	1,040	1,019	Denver, Colo.-----	153	102	4,195	4,059
Rockford, Ill.-----	22	30	1,016	975	Ogden, Utah-----	10	14	579	553
South Bend, Ind.-----	32	27	1,000	958	Phoenix, Ariz.-----	67	71	2,723	1,785
Toledo, Ohio-----	80	87	3,540	3,505	Pueblo, Colo.-----	17	17	575	480
Youngstown, Ohio-----	50	50	1,959	1,880	Salt Lake City, Utah-----	44	43	1,726	1,718
WEST NORTH CENTRAL:					PACIFIC:				
Des Moines, Iowa-----	49	48	1,945	1,869	Berkeley, Calif.-----	10	22	594	601
Duluth, Minn.-----	18	23	885	885	Fresno, Calif.-----	(34)	(39)	(1,597)	(1,406)
Kansas City, Kans.-----	51	29	1,211	1,253	Glendale, Calif.-----	(41)	(33)	(1,372)	(1,270)
Kansas City, Mo.-----	104	132	4,518	4,206	Honolulu, Hawaii-----	45	36	1,452	1,326
Lincoln, Nebr.-----	(22)	(28)	(918)	(904)	Long Beach, Calif.-----	48	46	1,934	1,938
Minneapolis, Minn.-----	123	114	4,366	4,352	Los Angeles, Calif.-----	469	380	17,880	17,002
Omaha, Nebr.-----	71	69	2,615	2,510	Oakland, Calif.-----	81	88	3,369	3,225
					WEST NORTH CENTRAL—Con.:				
					St. Louis, Mo.-----				
					St. Paul, Minn.-----				
					Wichita, Kans.-----				
					SOUTH ATLANTIC:				
					Atlanta, Ga.-----				
					Baltimore, Md.-----				
					Charlotte, N.C.-----				
					Jacksonville, Fla.-----				
					Miami, Fla.-----				
					Norfolk, Va.-----				
					Richmond, Va.-----				
					Savannah, Ga.-----				
					St. Petersburg, Fla.-----				
					Tampa, Fla.-----				
					Washington, D.C.-----				
					Wilmington, Del.-----				
					EAST SOUTH CENTRAL:				
					Birmingham, Ala.-----				
					Chattanooga, Tenn.-----				
					Knoxville, Tenn.-----				
					Louisville, Ky.-----				
					Memphis, Tenn.-----				
					Mobile, Ala.-----				
					Montgomery, Ala.-----				
					Nashville, Tenn.-----				
					WEST SOUTH CENTRAL:				
					Austin, Tex.-----				
					Baton Rouge, La.-----				
					Corpus Christi, Tex.-----				
					Dallas, Tex.-----				
					El Paso, Tex.-----				
					Fort Worth, Tex.-----				
					Houston, Tex.-----				
					Little Rock, Ark.-----				
					New Orleans, La.-----				
					Oklahoma City, Okla.-----				
					San Antonio, Tex.-----				
					Shreveport, La.-----				
					Tulsa, Okla.-----				
					MOUNTAIN:				
					Albuquerque, N. Mex.-----				
					Colorado Springs, Colo.-----				
					Denver, Colo.-----				
					Ogden, Utah-----				
					Phoenix, Ariz.-----				
					Pueblo, Colo.-----				
					Salt Lake City, Utah-----				
					Tucson, Ariz.-----				
					PACIFIC:				
					Berkeley, Calif.-----				
					Fresno, Calif.-----				
					Glendale, Calif.-----				
					Honolulu, Hawaii-----				
					Long Beach, Calif.-----				
					Los Angeles, Calif.-----				
					Oakland, Calif.-----				
					Pasadena, Calif.-----				
					Portland, Ore.-----				
					Sacramento, Calif.-----				
					San Diego, Calif.-----				
					San Francisco, Calif.-----				
					San Jose, Calif.-----				
					Seattle, Wash.-----				
					Spokane, Wash.-----				
					Tacoma, Wash.-----				

¹Estimated.

²Includes estimate for current week.

QUARANTINE MEASURES

Immunization Information for International TravelNo changes reported

EXPLANATION OF SYMBOLS USED IN TABLES

Data not available-----	---
Quantity zero-----	-
Percent more than 0 but less than 0.05-----	0.0
Disease stated not notifiable-----	*
Figures within parentheses not included in totals--	()

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SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for Alaska for 1959 and 1960; data for Hawaii are included for 1960 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, small-pox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

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